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THIS IS UNEVALUATED INFORMATION

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1. The shipyard, on the south side of a bay north of the town of Zhetysay (64°31'N/39°50'E), Arkhangelsk Oblast, was established in the thirties but was not completely finished by 1949. In the western area of the shipyard was an enclosed shipbuilding shop and a basin for floating new ships. The building shop, 365x213 meters, was divided into four bays by a longitudinal and a transverse wall. In each of the two western bays, two slips were under construction. The bays were interconnected by a large opening in the partition wall. [redacted] the eastern bays were similarly arranged. After completion, the newly built ships were moved from the southern section of the building shop to the basin west of the shop on a special system of concrete pillars in the southern section of the basin. This basin was divided by a dam, which was below the water level of the harbor. The southern section was dry when the ships were pulled out of the building shop, whereas the northern section, which was connected with the harbor through a lock, was always flooded. By flooding the southern portion, the ship could be moved to the harbor through the northern section. (1)
3. Ships with an estimated length of 145 meters and an estimated beam of between 45 and 50 meters were under construction. Their armament consisted of a twin-turret with 170-mm guns forward, and two similar guns aft. The aft guns were mounted one above the other. One four-barreled A1 gun was mounted between the funnels, and another was above the top, 170-mm aft gun. The caliber of the four-barreled A1 guns was estimated to be 37-mm. One ship of this type was launched each month in July, August, and September 1949. (2)
4. An underground canal, running parallel to the yard road, lead from a square, located between the southern wall of the building shop and the yard road, to a point about 200 to 250 meters west of the lock. The canal was 500 to 850 meters long, its width was 4 meters and its water depth 6 meters. The walls on either side of the canal were concreted and fitted with strong rings at intervals of about 30 meters. The ceiling was made from ferroconcrete, 5 cm thick, with only a thin layer of earth above the canal. Three engine stations were placed along the length of the canal. Source believed one of these stations housed a pump installation. (3)

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5. The construction of a new shop was started in 1949 and was completed in late July 1949. Thirty-two concrete foundations had been built and the shop was equipped with five heavy cranes, including one 35-ton crane, one 15-ton crane, and one 165-ton crane. The shop had a railroad spur and its own transformer station. The southern portion of this shop was to be used for offices. (4)

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- (1) The location of the yard is confirmed by three other PWs and is known from wartime photographs. For layout sketch of this shipyard, see Annex. The dimensions of the building shop seem to have been slightly overestimated. It is believed that only the western sections are used for shipbuilding work.
- (2) The dimensions, particularly that of the beam, seem to have been overestimated, and also the gun calibers. The vessels may have been destroyers of a new type, possibly an improved Leningrad-class. The reported method of moving the ships out of the shop would be possible only with vessels of so small a weight that it appears almost impossible for this yard to have built cruisers.
- (3) It cannot be stated what purpose the canal served. Despite the fact that the completion of this canal was pushed in July of 1949, its use as a mooring berth or pen for midget submarines, as source believed, seems to be improbable because of the weak ceiling.
- (4) This shop is probably a boiler shop.

Annex: Sketch of Harbor Installations at Molotovsk with Legend

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Legend :

A. Harbor.

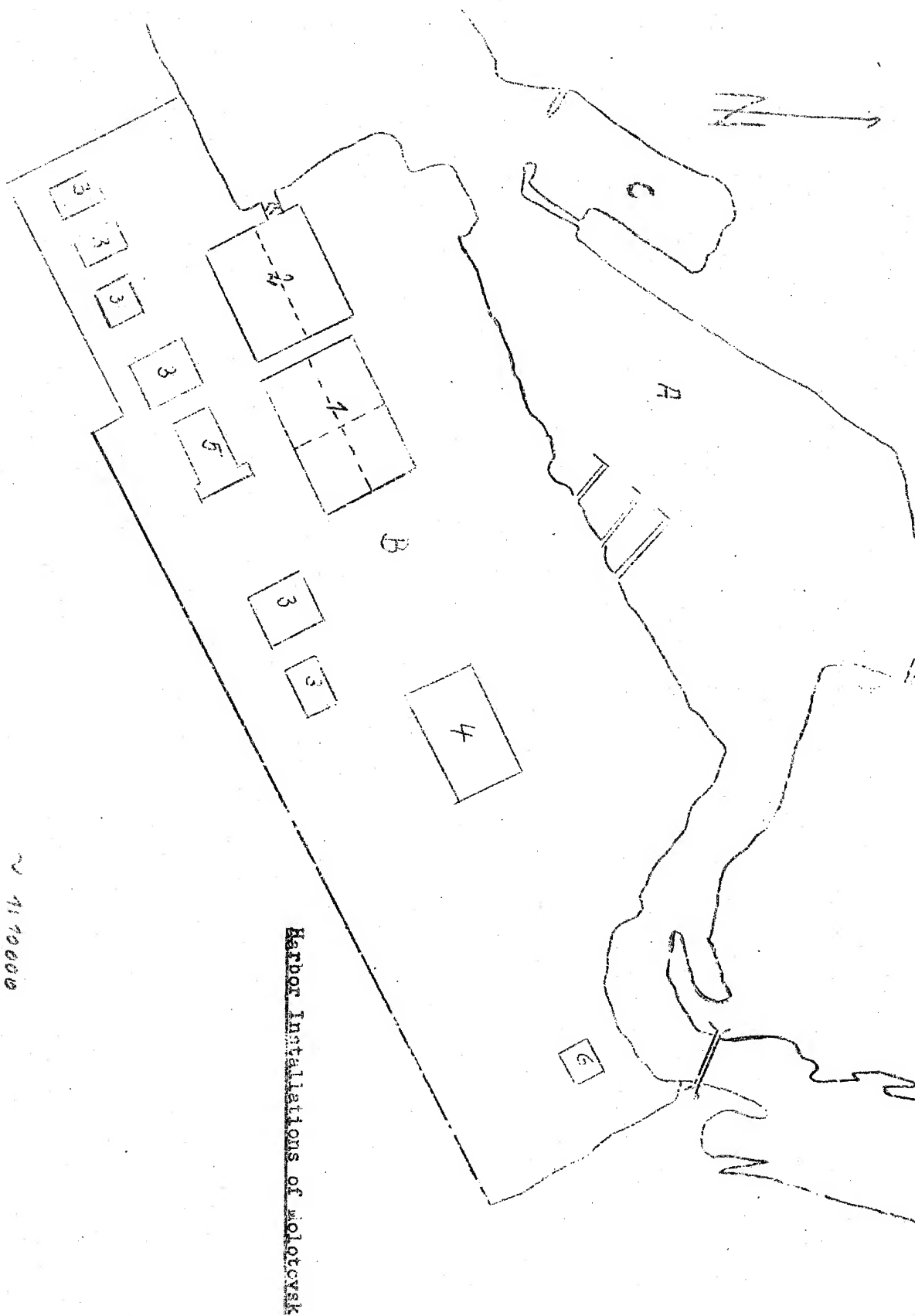
B. Shipyard.

C. Harbor basin.

1. Building shop. This was a steel-frame building.
2. A basin for floating the ships.
3. Several workshops.
4. Large workshop building.
5. New shop, erected in 1949. Soviet name Tsakh (L). This was probably a boiler shop.
6. Shipyard power plant.

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